



american academy for cerebral
palsy and developmental medicine

61st Annual Meeting Poster Sessions

All posters will be set up in Exhibit Hall A of the Vancouver Convention & Exhibition Centre (VCEC).

Location: VCEC
999 Canada Place
Vancouver, BC, Canada
V6C 3C1

Set-Up Times: Wednesday, October 10th, 2007: 8:00 AM – 4:00 PM

Poster Premier: Thursday, October 11th, 2007: 6:30 AM – 8:00 AM

Tear-Down Times: Saturday, October 13th, 2007: 10:00 AM – 1:00 PM

Poster Sessions:

1. Thursday, October 11th, 2007: 6:30 AM - 8:00 AM *(During continental breakfast)*
2. Thursday, October 11th, 2007: 10:00 AM – 10:30 PM
3. Thursday, October 11th, 2007: 5:00Pm – 6:00 PM *(During Wine, Beer, Cheese & Poster Session)*
4. Friday, October 12th, 2007: 6:30 AM – 8:00 AM *(During continental breakfast)*
5. Friday, October 12th, 2007: 9:30 AM – 10:00 AM
6. Friday, October 12th, 2007: 3:00 PM – 3:30 PM
7. Saturday, October 13th, 2007: 6:30 AM – 8:00 AM *(During continental breakfast)*
8. Saturday, October 13th, 2007: 9:30 AM – 10:00 AM

DEMONSTRATION POSTERS

DP	1	Application of the AACPDM Proposed Classification System for Cerebral Palsy to Clinical Practice
DP	2	Definition and Classification of Negative Motor Signs in Childhood
DP	3	Growth Charts for Persons with Cerebral Palsy, Stratified by Level of Motor Functioning and Feeding Ability
DP	4	Prevalence of Cerebral Palsy for Children Born at 20-27 Weeks Gestational Age and 500-1249 Grams Birth Weight Within a Population-based Program Over 30 Years
DP	5	Family Needs Assessment in Cerebral Palsy Clinic: Assessment of Perceived Needs of Families with Children Living with Cerebral Palsy
DP	6	Balancing Hope and Reality: Parental Definitions of Quality of Life in Children with Neurodevelopmental Disabilities



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DP	7	Preschool - High School Partnership to Enhance Motor Development of Infants and Young Children with Movement Dysfunction
DP	8	Autism with Co-morbid Developmental Disabilities: Barriers to Diagnosis
DP	9	How Parent-Physician Advocacy Leads to Successful Legislation for Children with Disabilities
DP	10	Family Incurred Cost of Caring for a Child with a Disability: A Pilot Study.
DP	11	Choking Poster
DP	12	Complications of Intrathecal Baclofen Therapy and Continuity of Care Concerns as Determined by a Performance Improvement (PI) Project.
DP	13	An Examination of the Role of Surface Electromyography in the Botulinum Toxin A Injection Decision-making Process In Children with Cerebral Palsy
DP	14	Factors Influencing Outcome in Pediatric Rehabilitation: Community Re-entry
DP	15	Proposal for Interdisciplinary Cerebral Palsy Clinic with a Clinical Nurse Specialist
DP	16	A Home-Based Virtual Reality Therapy System for Children with Hemiplegic Cerebral Palsy
DP	17	Challenge-opportunity-change: Creating a Collaborative Partnership Nursing Care Delivery Model
DP	18	Navigating Through Life with a Baclofen Pump: Rules of the Road
DP	19	The Caregiver Priorities and Child Health Index of Life with Disabilities (CPCHILD) Questionnaire: A Manual & Interpretation Guide
DP	20	Intra and Interrater Reliability of Myotonometer measurements of Muscle Tone
DP	21	Sorting Out Dystonia and Spasticity in Cerebral Palsy Using 3-D Gait Analysis: Implications for Stiff-knee Gait, Toe Walking, and Rhizotomy 'Candidates'
DP	22	The Treatment of Painful Hip in Cerebral Palsy Patients by Total Hip Arthroplasty
DP	23	Physical Therapist Perceptions of Treating Orthopedic Impairments in Adults with Childhood-onset Neuromotor Disabilities
DP	24	Impact of Video Evaluation on Surgical Procedure Determination
DP	25	Communicating Together: A Summer Camp for Girls with Rett Syndrome
DP	26	The C.A.G.E: A Community Based Adapted Physical Activity Approach
DP	27	A Group Visit Model Program for Children Who Are Visually Impaired
DP	28	Quantitative Evaluation of Upper Extremity Discoordination in Cerebral Palsy Using a 3D Robotic System



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DP	29	Best Practices in Transition to Adulthood for Youth with Disabilities: An Evidence-based Approach
DP	30	Project SELF: Preparing Professionals to Facilitate Self-Determination
DP	31	Building Consensus on Best Practices for Transition to Adult Health Services for Youth with Disabilities and Special Health Care Needs

SCIENTIFIC POSTERS

SP	1	Within-subject Variability of Gross and Fine Motor Scores in Infancy and Preschool Years - a Longitudinal Study
SP	2	Examining Similarities and Differences in Gross Motor Development in Canadian Infants of Asian and European Ethnic Backgrounds
SP	3	Concurrent Validity of the Harris Infant Neuromotor Test (HINT) and the Alberta Infant Motor Scale (AIMS)
SP	4	Gross Motor Development in Children with Mental Retardation
SP	5	Prevalence of Developmental and Behavioral Disorders in a Pediatric Hospital
SP	6	Systematic Review of Motor Assessment Tools for Very Preterm Infants in the First Year of Life? Psychometric Properties and Clinical Utility
SP	7	Predictors of Developmental Coordination Disorder in Children Born Very Low Birth Weight
SP	8	Combining TMS and MRI-DTI to Differentiate Function-structure Relationship in Callosal Motor Development
SP	9	Polymorphism in the Neuregulin Gene and Brain Damage in Preterm Newborns
SP	10	Epidemiology of Hospitalization among Patients with Cerebral Palsy in the United States from 1979 through 2003
SP	11	Long-term Use of Botulinum Toxin Type A (BTX-A) in Children with Cerebral Palsy: Treatment Consistency
SP	12	ITB and Gait Analysis in Children with Cerebral Palsy
SP	13	Effects of Botulinum Toxin Guided by Different Localization Technique on Spasticity in the Ankle Plantar Flexors of Children with Cerebral Palsy: A Randomized Trial
SP	14	Oral Baclofen Prescribing Practices in the Treatment of Pediatric Hypertonia
SP	15	Effect of Intrathecal Baclofen on Energy Expenditure and Growth in Children with Cerebral Palsy



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SP	16	Impact of Selective Dorsal Rhizotomy on Quality of Movement of the Upper Extremities of Children with Spastic Diplegia
SP	17	Correlations between Gross Motor Function Measure (GMFM) Scores and Other Functional Assessments in Ambulatory Children with Duchenne Muscular Dystrophy
SP	18	The Impact of Physical Activity on Self-reported Quality of Life in Cerebral Palsy
SP	19	Quality of Life and Self-Concept in Children with Hemiplegic Cerebral Palsy Compared with Age and Gender Matched Peers; a Population Based Study
SP	20	Relation of Specific Gait Abnormalities with Type of Foot Deformities in Children with Spastic Diplegia
SP	21	The Importance of Normalizing Oxygen Based Energy Measures of Gait
SP	22	Correlating Altered 3D Knee Joint Kinematics and Pain in Ehlers-Danlos Syndrome
SP	23	Investigating Use of Activity Monitors in Rehabilitation: Comparison of Gait Parameters Measured by 3-DGA and an Activity Monitor
SP	24	Laboratory vs. Community: Ambulatory Compensations in Children with Cerebral Palsy Under Outdoor Walking Conditions
SP	25	Health-related Quality of Life in Disabled Teens: Comparison of PedsQL in Duchenne Muscular Dystrophy, Spinal Cord Dysfunction, and Able-bodied Controls
SP	26	A Pitfall of the Child Health Questionnaire when Used in a Population with Cerebral Palsy
SP	27	Bowel and Bladder Continence Among Children with Spina Bifida: A Retrospective Study
SP	28	Reading Performance in Children with Myelomeningocele: Correlations with Callosal Fibers using Diffusion Tensor Imaging
SP	29	Underdeveloped Midfemur Geometry and Strength in Children with Cerebral Palsy
SP	30	Using a Hierarchical Deformable Model to Study Femoral Shape in Cerebral Palsy
SP	31	Comparing Ankle Plantar Flexor Muscle Strength Post-Gastrocnemius Recession to Post-Gastrocnemius-soleus Recession in Children with Cerebral Palsy
SP	32	Parents Satisfaction After Single Stage Multilevel Surgery in Ambulatory Children with Cerebral Palsy
SP	33	Accuracy and Reliability of the New ePAED Versus Traditional Vernier Calipers for Anthropometric Measurement of the Medial Longitudinal Arch in Children
SP	34	Measurement of Muscle Volume in Spastic Cerebral Palsy Using Magnetic Resonance Imaging



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SP	35	Computer Adaptive Testing Platform of Physical Function: Demonstration of 21st Century Measurement Technology with Children with Spine and Chest Wall Impairments
SP	36	Assessment of Possible Rectus Femoris Transfer Outcome Predictors in Patients with Cerebral Palsy and Stiff Knee Gait
SP	37	Using the Pendulum Test to Identify the Stiff-knee Gait Pattern in Children Diagnosed with Cerebral Palsy
SP	38	Motor Control as a Factor in Functional Outcome Associated with Rectus Femoris Transfer
SP	39	Rectus Femoris Transfer in Children with Cerebral Palsy: Evaluation of Transfer Site and Preoperative Indicators
SP	40	Long-term Outcomes of the Multilevel Surgical Approach in Children with Cerebral Palsy
SP	41	The Impact of Intrathecal Baclofen on the Natural History of Scoliosis in Cerebral Palsy
SP	42	Outcome of Multilevel Surgery in Younger Children with Spastic Diplegia
SP	43	The Effect of Spinal Surgery on Function in Children with Neuromotor Disorders and Scoliosis: A Prospective Study Using Standardized Measures
SP	44	Accuracy of an Activity Monitor in Detecting Functional Activities in Young People with Cerebral Palsy and a Control Population
SP	45	The Relationship Between Quality of Life (QOL) and Functioning for Children with Cerebral Palsy (CP). Does Poor Functioning Equate with Poor QOL?
SP	46	Parent Proxy Reports of Quality of Life (QOL) of Children with Cerebral Palsy: Are they associated with parental depression?
SP	47	Impact of Co-Morbidities on the Health Related Quality of Life of Children with Severe Non-Ambulatory Cerebral Palsy
SP	48	Validity and Reliability of a Measure of Participation in Young Children: The LIFE-H for Children 0-4
SP	49	Prediction of Recumbent Length from Tibia or Upper Arm Length in Children with Severe Generalized Cerebral Palsy
SP	50	Functional Limitations and Family Disability in 18,456,982 School Children in 17 United States Metropolitan Regions
SP	51	Influence of Problem Solving and Communication Skills on Emerging Daily Living Activities among Young Children with Evolving Disability
SP	52	Effects of Upper Limb Botulinum Toxin A Therapy on Health Related Quality of Life in Children with Hemiplegic Cerebral Palsy
SP	53	Comparison between the Melbourne Assessment of Unilateral Upper Limb Function and the Quality of Upper Extremity Skills Test (QUEST) in Children with Hemiplegic Cerebral Palsy



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SP	54	Relationship Between Unimanual Capacity and Bimanual Performance in Children with Congenital Hemiplegia
SP	55	Predictive Control of Posture to Voluntary Movement in Cerebral Palsy
SP	56	Effect of Dynamic Sitting Balance Training on Posture and Function in Children with Spastic Diglegic Cerebral Palsy
SP	57	Relationship Between Low Back Ache Incidence and Psychosiological Factors in Parents of Children with Cerebral Palsy in Developing Countries
SP	58	The Popliteal Angel Test in Children with Cerebral Palsy
SP	59	Improved Measurement of Calf Contracture in Children with Cerebral Palsy.
SP	60	Robotic Assisted Treadmill Training Enhances Motor Function, Endurance and Speed in 15 Children with Cerebral Palsy
SP	61	Effect of a "SNUG" Sensory Dynamic Orthosis on Gross Motor Function in Children with Cerebral Palsy
SP	62	Stretching Improves Ankle Biomechanics in Children with Cerebral Palsy
SP	63	Reflex and Nonreflex Characterization of Spasticity in Children with Cerebral Palsy: Catch Angle's dependence on Velocity
SP	64	Quantifying Spasticity in a Clinical Setting
SP	65	Effect of Pre-feeding Sensori-motor Interventions on the Oral Feeding Performance
SP	66	Evaluation of the Concurrent Validity of the Pediatric Evaluation of Disability Inventory (PEDI) on Motor Skills in Pediatric Clients with Language Deficiency
SP	67	Development of a New Communication Outcome Measure for Preschool Children - FOCUS: Focus on the Outcomes of Communication Under Six
SP	68	Developing a Quality of Life Measure of the Impact of Drooling
SP	69	Effects of Seating Position System on Motor and Speech Function of Children with Cerebral Palsy
SP	70	Motor Pathways in Children with Hemiplegic Cerebral Palsy
SP	71	Disability Training
SP	72	Rasch analysis of the Vineland Adaptive Behavior Scales in Children with Cerebral Palsy